552,423

(54) Title: SYSTEM AND METHOD FOR PROVIDING SCALABLE MANAGEMENT ON COMMODITY ROUTERS

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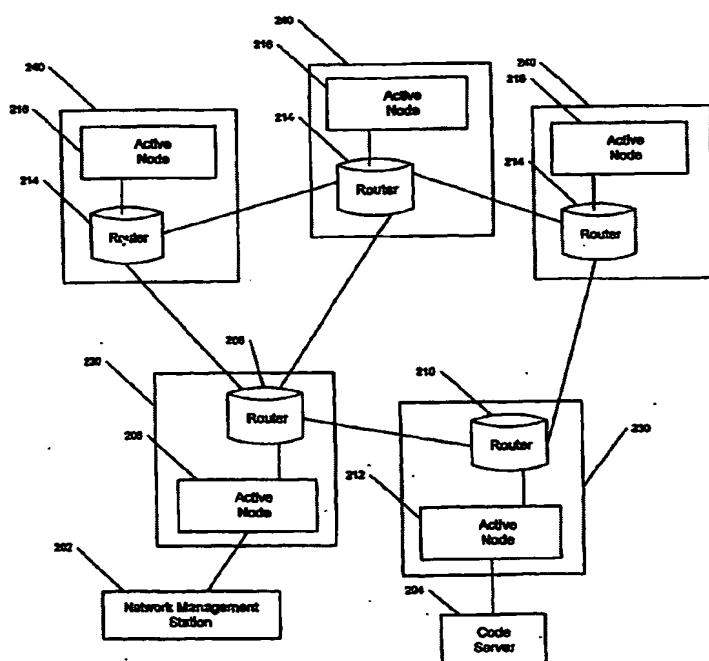
(57) **Abstract:** An apparatus, method and software arrangement for providing pattern-based decentralized network management. The apparatus is a network node (Fig. 2, #208) including a router (Fig. 2, #208) connected to at least one other network node (Fig. 2, #216) of a plurality of network nodes and a processor. The processor is configured to receive a network management program and mobile state information, determine whether to send the network management program to the at least one other network node of the plurality of network nodes, transmit the mobile state information to the at least one other network node of the plurality of network nodes, and selectively transmit the network management program based upon the determination to the at least one other network node of the plurality of network nodes.

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